

Applicant : Kim Cheol
Serial No. : 10/817,650
Page No. : 2

CLAIMS

1-5. (cancelled)

6. (currently amended) A wireless data communication terminal having a caption language learning function, comprising:

a radio frequency/intermediate frequency (RF/IF) unit for receiving wireless data signals including caption language learning data having audio data and caption data through [via] a wireless communication network;

a modem for demodulating the wireless data signals output from the RF/IF unit;

a protocol controller for receiving the data demodulated by the modem and generating digital audio data and display caption data;

a coder-decoder (CODEC) for converting the digital audio data generated by the protocol controller into analog audio signals and outputting the analog audio signals;

a display for displaying the display caption data generated by the protocol controller;

a memory for storing the caption language learning data having audio data and caption data;

a Digital Signal Processor/Central Processing Unit (DSP/CPU) operable in at least two operation modes:

(a) a reception mode, wherein the DSP/CPU processes the digital audio data and the display caption data generated by the protocol controller, and stores the digital audio data and the display caption data in the memory, and

Applicant : Kim Cheol
Serial No. : 10/817,650
Page No. : 3

(b) a language learning mode, wherein the DSP/CPU reads the digital audio data and the display caption data from the memory, wherein the DSP/CPU controls the CODEC to convert and output the digital audio data, wherein the DSP/CPU controls the display to display the display caption data corresponding with the digital audio data being output.

7. (previously presented) The terminal of claim 6 comprising a key unit for inputting information on operation modes and function selection to the DSP/CPU.

8. (previously presented) The terminal of claim 6 wherein the DSP/CPU controls the display to display display caption data corresponding to the relevant digital audio data output by the CODEC.

9. (previously presented) The terminal of claim 6 comprising a data transmitting controller for controlling a transmission route based on whether the protocol controller generates digital audio data or display caption data.

10. (currently amended) An operation method of a wireless data communication terminal having caption language learning function, comprising:

- (1) receiving wireless data signals including caption language learning data having audio data and caption data through [via] a wireless communication network;
- (2) determining with a DSP/CPU whether an operation mode is a reception mode;
- (3) demodulating with a modem the wireless data signals;

Applicant : Kim Cheol
Serial No. : 10/817,650
Page No. : 4

(4) controlling with a protocol controller the demodulated wireless data signals using a suitable communication protocol of the wireless communication network;

(5) processing with [a] the DSP/CPU the controlled demodulated wireless data signals generated by the protocol controller and storing the caption language learning data into a memory if the operation mode is the reception mode of the step (2);

(6)[(4)] determining with the DSP/CPU whether an operation mode is a learning mode;

(7)[(5)] reading with the DSP/CPU the caption language learning data from the memory if the operation mode is the learning mode of the step (6)[(4)]; and

(8)[(6)] sending with the DSP/CPU the audio data of the read caption language learning data to a CODEC so that the CODEC converts the audio data into analog audio signals, and controlling with the DSP/CPU the display of the caption data of the read caption language learning data so that the caption data corresponding to the audio data is displayed.

11. (cancelled)